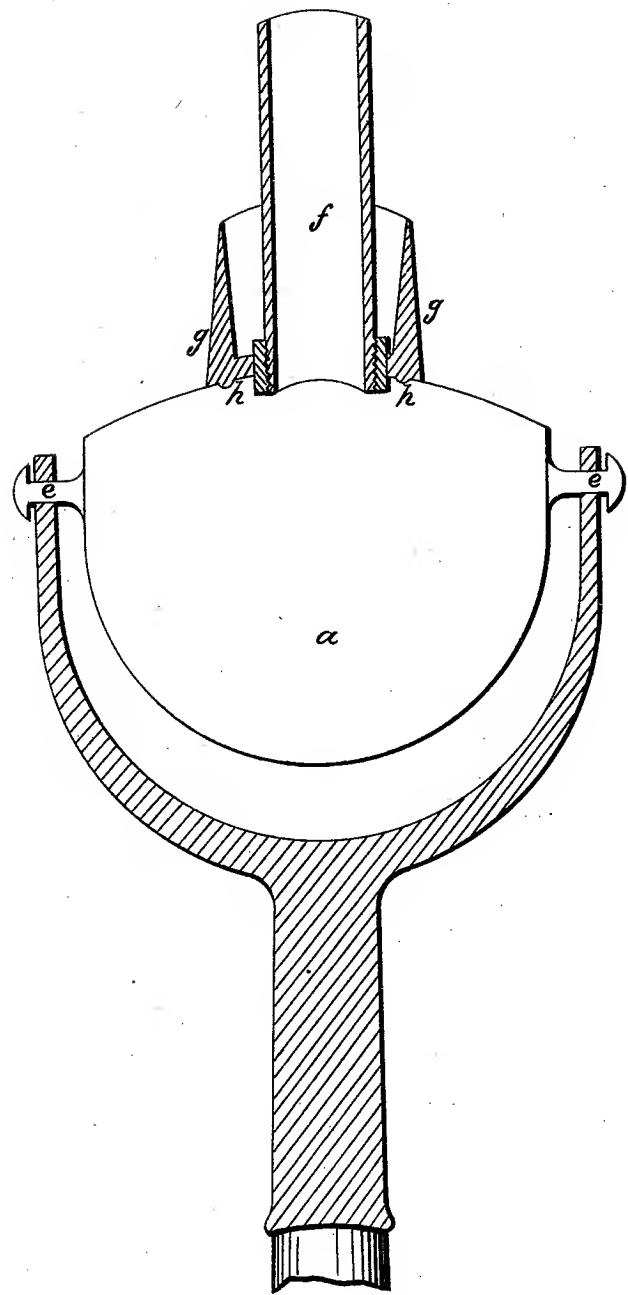


J. MARTIN.

Torch Lamp.

No. 248.

Patented June 30, 1837.



UNITED STATES PATENT OFFICE.

JEREMIAH MARTIN, OF BOSTON, MASSACHUSETTS.

LAMPS AND LAMP-TORCHES.

Specification of Letters Patent No. 248, dated June 30, 1837.

To all whom it may concern:

Be it known that I, JEREMIAH MARTIN, of Boston, in the county of Suffolk and State of Massachusetts, in the United States of America, have invented a new and useful Improvement in Lamps and Lamp-Torches, of which the following is a true and exact description.

The object of this improvement is to furnish a receptacle cup or space, to intercept and contain the oil or other combustible fluid that leaks or flows from the bowl or reservoir of the lamp, or lamp-torch in case of the oil or other fluid flowing out at the top through any aperture or orifice by reason of the expansion of the oil or other fluid by heat or by reason of the reservoir being filled so full as not to have sufficient room for the stoppers or screw attached to the burner or by reason of the lamp being placed in an oblique position when full or nearly so. For this purpose a cup or rim is formed around the burner on the part of the lamp or lamp-torch where the burner is inserted into, or screwed into, or upon the lamp or lamp torch. This cup or rim is not attached to the burner or its appendages but is attached to or formed upon the bowl or body of the lamp or lamp-torch, at the part where the burner is inserted, and surrounds and incloses the burner. The form of this receptacle for the oil or other fluid that leaps or gushes from the burner, or from the place of its inser-

tion, may be conical or semiglobular, or cylindrical having an opening at the top for the burner, or it may be of a different form from these the construction being such in all cases that the sides of the receptacle do not intercept the light of the lamp. The interior form of the receptacle should be such, that on the subsiding of the oil or other fluid within the lamp reservoir, the excluded oil or other fluid may run back into the reservoir or pass to the wick to supply combustion. The form of a hollow semi-cylinder bent circularly around the burner with its concave surface toward the burner, the inventor thinks a good one for the purpose, as it presents both a convenient surface for returning the oil to the reservoir, or feeding the wick with it, and also for being cleaned.

The annexed drawing is referred to in illustration and explanation of this specification.

The inventor claims as his invention—

The said improvement as above described for the purposes above set forth.

In witness whereof I the said JEREMIAH MARTIN, hereto subscribe my name this first day of Feby A. D. eighteen hundred and thirty seven.

JEREMIAH MARTIN.

Witnesses:

H. G. GORHAM,
WILLARD PHILLIPS.